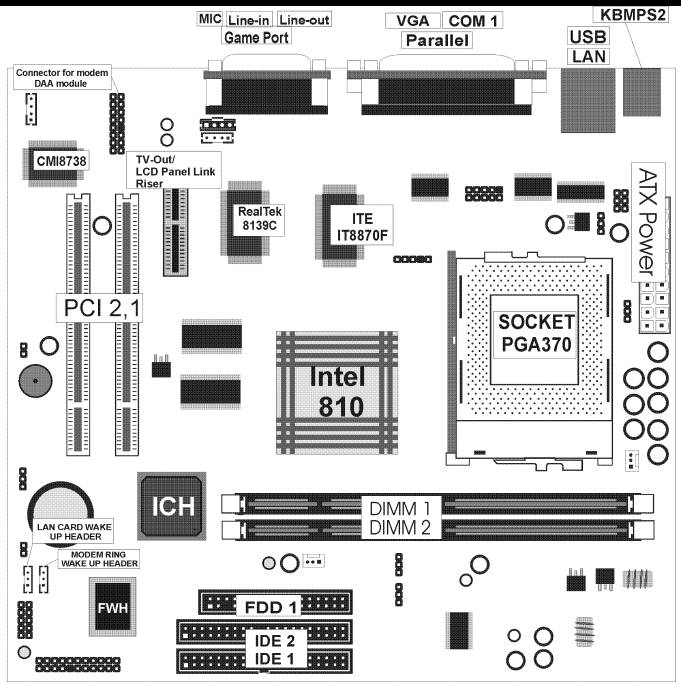
ECS ELITEGROUP

A FlexATX Mainboard with Intel 810(E) Chipset Design

P6IWP-Fe



Product Highlights

- **Socket 370 board with brand new FlexATX architecture that supports host bus up to 100MHz(i810) or 133MHz (i810E).**
- **Integrated with the most advanced technologies:**

Keyboard Power On

You can turn on PC easily by using password.

LAN/Modem Wake Up

AMD Magic Packet header allows end users to power on their PCs by MODEM or special LAN Card which provides this function.

Magic Setting IV

This function provides customers the possibility to adjust the CPU core voltage and CPU frequency through the BIOS setup table. It can help users to avoid the annoying jumper setup process.

Hardware Monitoring

This board provides the abilities of monitoring and reporting the environmental conditions of the PC with ITE LPC I/O Chipset IT8870F.

PC-Cillin Antivirus

PC-Cillin Antivirus software is available with this board to prevent your system from virus infection. It can effectively detect and remove all the viruses that may threaten your PC's data.

SPECIFICATION:

PROCESSORS

- Socket 370 supports the following processors:
  - Celeron™ PPGA/FC-PGA series processors
  - FC-PGA Pentium® III series processors

CHIPSET

- Intel 82810 & 82801AA Chipset-- Graphics Controller Hub (GMCH0 or GMCHE), I/O Controller Hub (ICH0 or ICH) & Firmware Hub (FWH) with following features:
  - Integrated graphics controller (i810E or i810)
  - Integrated graphics controller with 4MB Display Cache (i810E)
- ITE LPC I/O – IT8770F
- CMI8738 PCI 3D Audio/HSP 56Kflex/V.90 Modem Chip
- LAN: RealTek 8139C

SYSTEM BIOS

- Award BIOS with 4Mb Flash ROM in Firmware Hub (FWH)
- Supports Plug and Play 1.0A, APM 1.2, Multi Boot, DMI
- Full support for ACPI revision 1.0A specification

L2 CACHE

- None (CPU Embedded)

MEMORY

- Two 168-pin DIMM sockets for 3.3V PC/100 SDRAM
- Maximum: 512 MB

I/O INTERFACE

- Supports Plug and Play function
- PS/2 keyboard and PS/2 mouse connectors
- Dual USB Ports and LAN connector
- One - EPP/ECP mode parallel port
- One - 16550 high-speed serial I/O ports
- VGA Connector
- Audio Ports (Game/MIDI port, Line-in, Line-out and Mic-in)
- Dual PCI IDE interfaces - support four IDE devices (PIO mode 4, DMA Mode 2, Ultra DMA 33/66)
- Supports 360K~2.88M Byte, 3 Mode FDDs or LS120
- ATX Power Supply Connector
- Ports, headers and others
  - IrDA Cable header
  - COM Port header
  - Two CD-In headers
  - Header for Modem DAA module
  - Chassis open detector header
  - Green, HDD, power indicator LED headers
  - CPU and Case Fan headers
  - LAN Card Wake Up/Internal Modem Ring Wake-Up headers

RTC & BATTERY

- 256 bytes CMOS SRAM included in Intel I/O Controller Hub(ICH0 or ICH)
- With CMOS SRAM hardware clear jumper

EXPANSION SLOTS

- 2 PCI slots, TV Out/LCD Panel Link Riser

FORM FACTOR & LAYERS

- FlexATX Size (229mm*191mm), dual height , 4 Layers

Designed for Microsoft® Windows®2000 Professional Windows®98

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Taipei(HQ)	Elitegroup Computer Systems Co., Ltd. Tel: 886-2-2797-5266	Fax: 886-2-2797-1388
U.S.A.	Tel: 1-510-2267333	Fax: 1-510-2267350
Canada	Tel: 1-905-7711602	Fax:1-905-7711605
Germany	Tel: 49-2431-941-0	Fax: 49-2431-941-200
France	Tel: 331-34220109	Fax: 331-30310100
U.K.	Tel: 44-1908-481830	Fax: 44-1908-481831
Japan	Tel: 81-3-5743-0421	Fax: 81-3-5743-0417
China	Tel: 86-10-6262-8910(~14)	Fax: 86-10-6262-8915

Authorized Agent: